



# AXCELIS GSD ELS, ELS2, AND ETERNA COMPONENTS:

CATHODE, CATHODE REPELLER, FILAMENT, AND FILAMENT CLAMP

		ELS Source Components	ELS-2 Source Components	ELS-2X (Eterna) Source Components	
Source Components	Cathode	99413 - OEM 17142890 Cathode, Arc Wire, 2 Piece, TZM w/ 4.6mm Tungsten Button		99413H - OEM 17246790 (MOD) GSD ELS-2X 1Piece Lean Cathode, Tungsten, 9.2 mm Thickness	
		99413B - OEM 17142890 (MOD) Cathode, Arc Wire, 2 Piece TZM w/ 7mm Tungsten Button			
		99413A - OEM 17158000 Cathode, Arc Wire, 1 Piece, Solid Tungsten w/ 4.6 mm Button Thickness		99413K - OEM 17158000 GSD ELS-1.5X 1 Piece Lean Cathode, Tungsten, 7 mm Thickness	
		99413J - (MOD) GSD ELS - Cathode, Arc Wire, 1Piece Lean Cathode, Solid Tungsten w/ 4.6 mm Button Thickness			
	Cathode Repeller	99409 - OEM 17121930 Cathode Repeller, Molybdenum			
		99409W85 - OEM 17133340 Cathode Repeller, Tungsten			
	Filament	99411 - OEM 17121950 GSD ELS Filament, .035"		99477 - OEM 17C2984 GSD ELS Filament, .035"	99477H - OEM 17287851 GSD ELS-2X (Eterna) Filament, .040"
		99411B - OEM 17254850 GSD ELS Filament, 3-Strand		99477A - OEM 17287850 GSD ELS Filament, .040"	99477K - GSD ELS-1.5X Filament, .040"
					  • Used With 99413K Only
Filament Clamp	99424 - OEM 17192210 99425 - OEM 17192211 Filament Clamp		99407 - OEM 17287880 Filament Clamp (2 are required for a single source.)		
			99407A - OEM 17287850 Filament Clamp (High Temperature.)	  (All components are not drawn to scale.)	